AMENDMENTS TO THE CLAIMS

1. (Currently amended) A positive working imageable composition, comprising:

~~an ink receptive~~ a hydroxyfunctional resin comprising a covalently bound radiation sensitive group capable of increasing the solubility of said imageable composition in an alkaline developer upon exposure to radiation;

an acid generator;

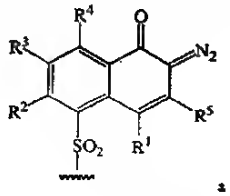
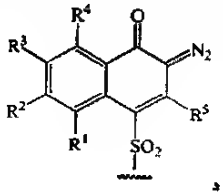
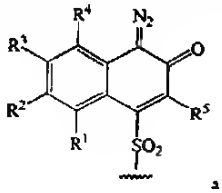
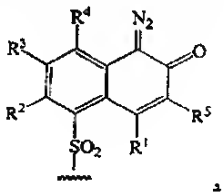
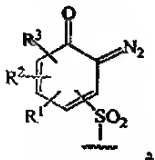
a colorant; and

an isocyanate crosslinking agent.

2. (Cancelled)

3. (Previously presented) The imageable composition of claim 1, wherein said covalently bound radiation sensitive group is sensitive to ultraviolet radiation.

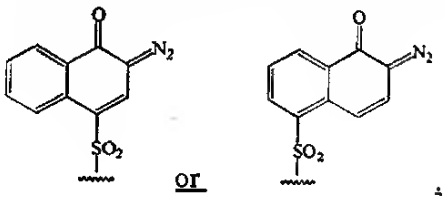
4. (Currently amended) The imageable composition of claim ~~3~~ 1, wherein said radiation sensitive group is a moiety selected from the group consisting of ~~moieties of the formula~~:

, and a mixture thereof;

wherein each of R^1, R^2, R^3, R^4 and R^5 is independently selected from the group consisting of: hydrogen, linear, branched or cyclic alkyl of 1 to 22 carbon atoms, aralkyl of 6 to 22 carbon atoms, aryl, alkaryl, alkoxy of 1 to 22 carbon atoms, haloalkyl, halogen, acyl, ester and cyano.

5. (Currently amended) The imageable composition of ~~claim 4~~ claim 1, wherein said radiation sensitive group is a moiety selected from ~~the group consisting of moieties of the formula:~~



or

6. (Cancelled)

7. (Currently amended) The imageable composition of claim 1, wherein said hydroxyfunctional resin ~~further comprises~~ includes a resin moiety derived from a polyfunctional resin selected from the group consisting of: a novolak resin, a pyrogallol/acetone resin, polyvinyl phenol polymer, vinyl phenol/hydrocarbyl acrylate copolymer, a resole resin, an acrylic resin, a polyester resin, a polyurethane resin, a polyol and a mixture thereof.

8. (Previously presented) The imageable composition of claim 7, wherein said polyfunctional resin is a phenol novolak resin, a cresol novolak resin, a phenol/cresol novolak resin, a resole resin or a mixture thereof.

9. – 12. (Cancelled)

13. (Previously presented) The imageable composition of claim 1, wherein said isocyanate crosslinking agent is selected from the group consisting of: isophorone diisocyanate, methylene-bis-phenyl diisocyanate, toluene diisocyanate, hexamethylene diisocyanate, tetramethylxylylene diisocyanate, dimers thereof, adducts thereof with diols, adducts thereof with triols, adducts thereof with polyols, adducts thereof with polyesters, adducts thereof with acrylic resins, adducts thereof with polyurethane polyols, adducts thereof with an isocyanate blocking agent and mixtures thereof.

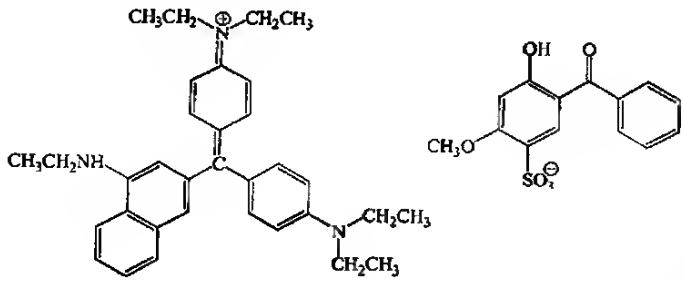
14. (Currently amended) The imageable composition of claim ~~13~~ 1, wherein said isocyanate crosslinking agent ~~further~~ comprises a blocking agent selected from the group consisting of: a phenol, an oxime, a lactam and a pyrazole.

15. (Currently amended) The imageable composition of claim ~~14~~ 1, wherein said isocyanate crosslinking agent comprises a blocking agent ~~is~~ selected from phenol, methyl ethyl ketone oxime, 2-pyrrolidone, 2-piperidone, caprolactam or 3,5-dimethylpyrazole.

16. (Cancelled)

17. (Cancelled)

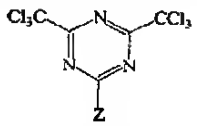
18. (Currently amended) The composition of claim ~~17~~ 1, wherein said colorant is a colorant dye ~~is~~ selected from the group consisting of: crystal violet, crystal violet lactone, basonyl blue, victoria pure blue BO, victoria blue B, blue colorant dye victoria blue FBR represented by the formula:



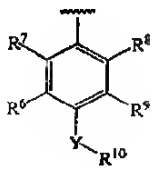
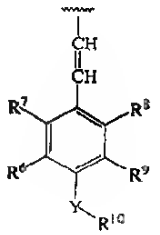
, and a mixture thereof.

19. (Cancelled)

20. (Currently amended) The imageable composition of claim ~~16~~ 1, wherein said acid generator is a light sensitive triazine compound of the formula:



wherein Z selected from the group consisting of: hydrogen, linear, branched or cyclic alkyl of 1 to 22 carbon atoms, aralkyl of 6 to 22 carbon atoms, aryl, alkaryl, alkoxy of 1 to 22 carbon atoms, haloalkyl, halogen, acyl, ester, cyano, a moiety of the formula:

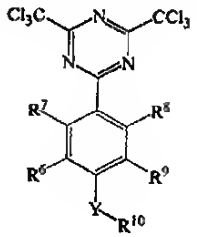
wherein

each of R^6, R^7, R^8 and R^9 is independently selected from the group consisting of: hydrogen, linear, branched or cyclic alkyl of 1 to 22 carbon atoms, aralkyl of 6 to 22 carbon atoms, aryl, alkaryl, alkoxy of 1 to 22 carbon atoms, haloalkyl, halogen, acyl, ester and cyano, or R^6 and R^7 or R^8 and R^9 together with carbon atoms to which they are attached to form a cycloaliphatic, benzo or a substituted benzo ring;

R^{10} is selected from the group consisting of: linear, branched or cyclic alkyl of 1 to 22 carbon atoms, aralkyl of 6 to 22 carbon atoms, aryl, alkaryl, haloalkyl, acyl, ester and cyano;

and Y is oxygen or sulfur.

21. (Currently amended) The imageable composition of claim ~~20~~ 1, wherein said acid generator is a light sensitive triazine compound ~~is~~ of the formula:



wherein

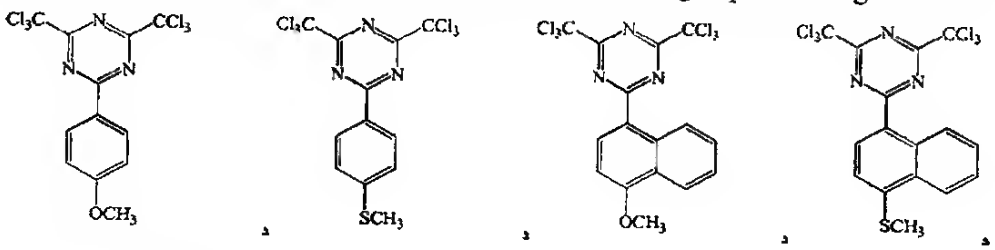
each of R^6, R^7, R^8 and R^9 is independently selected from the group consisting of: hydrogen, linear, branched or cyclic alkyl of 1 to 22 carbon atoms, aralkyl of 6 to 22 carbon atoms, aryl, alkaryl, alkoxy of 1 to 22 carbon atoms, haloalkyl, halogen, acyl, ester and cyano, or R^6 and R^7 or R^8 and R^9 together with carbon atoms to which they are attached to form a cycloaliphatic, benzo or a substituted benzo ring;

R^{10} is selected from the group consisting of: linear, branched or cyclic alkyl of 1 to 22

carbon atoms, aralkyl of 6 to 22 carbon atoms, aryl, alkaryl, haloalkyl, acyl, ester and cyano; and

Y is oxygen or sulfur.

22. (Currently amended) The imageable composition of claim ~~21~~ 1, wherein said acid generator is a light sensitive triazine compound ~~is~~ selected from the group consisting of:



and a mixture thereof.

23. (Currently amended) The imageable composition of claim ~~16~~ 1, wherein said acid generator is selected from the group consisting of: an iodonium salt, a sulfonium salt, a hydrocarbyloxysulfonium salt, a hydrocarbyloxyammonium salt, an aryl diazonium salt and a combination thereof.

24. – 33. (Cancelled)

34. (Currently amended) An imageable element comprising:

a ~~substrate comprising~~ lithographic substrate having a hydrophilic surface; and

a positive working imageable composition coated on ~~a~~ the hydrophilic surface of said substrate, said composition comprising:

~~an ink receptive~~ a hydroxyfunctional resin comprising a covalently bound radiation sensitive group capable of increasing the solubility of said imageable composition in an alkaline developer upon exposure to radiation; and

an isocyanate crosslinking agent.

35. (Cancelled)

36. (Original) The imageable element of claim 34, wherein said positive working imageable composition further comprises a colorant and an acid generator.

37. (Currently amended) A method of producing an imaged element comprising the steps of:

providing an imageable element comprising a ~~substrate comprising~~ lithographic substrate having a hydrophilic surface and a positive working imageable composition coated on the hydrophilic surface of said substrate, wherein said imageable composition comprises:

~~an ink receptive~~ a hydroxyfunctional resin comprising a covalently bound radiation sensitive group capable of increasing the solubility of said imageable composition in an alkaline developer upon exposure to radiation; and

an isocyanate crosslinking agent;

heating said imageable element at a temperature and length of time sufficient to produce a crosslinked imageable element;

imagewise exposing said crosslinked imageable element to radiation to produce an imagewise exposed element having exposed and unexposed regions; and

removing the exposed regions of said imageable composition to produce said imaged element.

38. (Original) The method of claim 37, wherein said positive working imageable composition further comprises a colorant and an acid generator.

39. (Currently amended) The method of claim 37, wherein said exposing step ~~is carried out using~~ includes exposing said crosslinked imageable element to ultraviolet radiation.

40. – 49. (Cancelled)

50. (New) The imageable composition of claim 1, wherein said acid generator is a salt including an anion derived from a non-volatile acid.

51. (New) The imageable composition of claim 1, wherein said acid generator is a light sensitive triazine compound, an onium salt, a covalently bound sulfonate group-containing compound, a hydrocarbylsulfonamido-N-hydrocarbyl sulfonate, or a combination thereof.

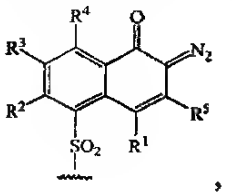
52. (New) The imageable composition of claim 1, wherein said acid generator is an onium salt including a non-nucleophilic anion.

53. (New) The imageable composition of claim 1, wherein said acid generator is a monomeric or oligomeric aromatic diazonium salt.

54. (New) The imageable element of claim 34, wherein said lithographic substrate is an aluminum sheet.

55. (New) The imageable element of claim 34, wherein said covalently bound radiation sensitive group is sensitive to ultraviolet radiation.

56. (New) The imageable element of claim 34, wherein said radiation sensitive group is a moiety selected from the group consisting of: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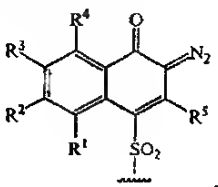
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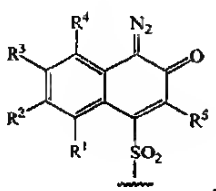
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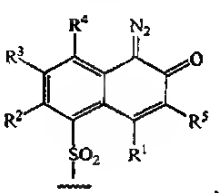
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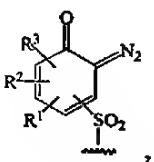
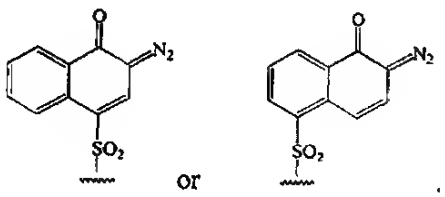

, and a mixture thereof;

wherein each of R^1, R^2, R^3, R^4 and R^5 is independently selected from the group consisting of: hydrogen, linear, branched or cyclic alkyl of 1 to 22 carbon atoms, aralkyl of 6 to 22 carbon atoms, aryl, alkaryl, alkoxy of 1 to 22 carbon atoms, haloalkyl, halogen, acyl, ester and cyano.

57. (New) The imageable element of claim 34, wherein said radiation sensitive group is a moiety selected from:



58. (New) The imageable element of claim 34, wherein said hydroxyfunctional resin includes a resin moiety derived from a polyfunctional resin selected from the group consisting of: a novolak resin, a pyrogallol/acetone resin, polyvinyl phenol polymer, vinyl phenol/hydrocarbyl acrylate copolymer, a resole resin, an acrylic resin, a polyester resin, a polyurethane resin, a polyol and a mixture thereof.

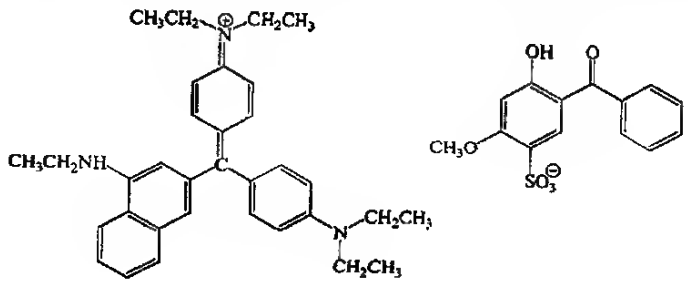
59. (New) The imageable element of claim 34, wherein said polyfunctional resin is a phenol novolak resin, a cresol novolak resin, a phenol/cresol novolak resin, a resole resin or a mixture thereof.

60. (New) The imageable element of claim 34, wherein said isocyanate crosslinking agent is selected from the group consisting of: isophorone diisocyanate, methylene-bis-phenyl diisocyanate, toluene diisocyanate, hexamethylene diisocyanate, tetramethylxylylene diisocyanate, dimers thereof, adducts thereof with diols, adducts thereof wih triols, adducts thereof with polyols, adducts thereof with polyesters, adducts thereof with acrylic resins, adducts thereof with polyurethane polyols, adducts thereof with an isocyanate blocking agent and mixtures thereof.

61. (New) The imageable element of claim 34, wherein said isocyanate crosslinking agent comprises a blocking agent selected from the group consisting of: a phenol, an oxime, a lactam and a pyrazole.

62. (New) The imageable element of claim 34, wherein said isocyanate crosslinking agent comprises a blocking agent selected from phenol, methyl ethyl ketone oxime, 2-pyrrolidone, 2-piperidone, caprolactam or 3,5-dimethylpyrazole.

63. (New) The imageable element of claim 36, wherein said colorant is a colorant dye selected from the group consisting of: crystal violet, crystal violet lactone, basonyl blue, victoria pure blue BO, victoria blue B, blue colorant dye victoria blue FBR represented by the formula:

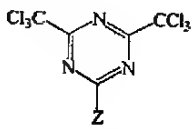


, and a mixture thereof.

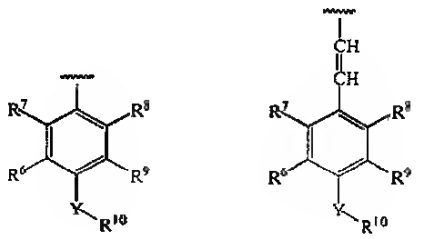
64. (New) The imageable element of claim 36, wherein said acid generator is a salt including an anion derived from a non-volatile acid.

65. (New) The imageable element of claim 36, wherein said acid generator is a light sensitive triazine compound, an onium salt, a covalently bound sulfonate group-containing compound, a hydrocarbylsulfonamido-N-hydrocarbyl sulfonate, or a combination thereof.

66. (New) The imageable element of claim 36, wherein said acid generator is a light sensitive triazine compound of the formula:



wherein Z selected from the group consisting of: hydrogen, linear, branched or cyclic alkyl of 1 to 22 carbon atoms, aralkyl of 6 to 22 carbon atoms, aryl, alkaryl, alkoxy of 1 to 22 carbon atoms, haloalkyl, halogen, acyl, ester, cyano, a moicty of the formula:



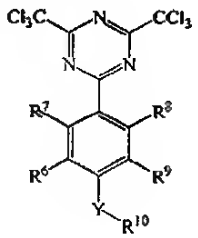
wherein

each of R^6, R^7, R^8 and R^9 is independently selected from the group consisting of: hydrogen, linear, branched or cyclic alkyl of 1 to 22 carbon atoms, aralkyl of 6 to 22 carbon atoms, aryl, alkaryl, alkoxy of 1 to 22 carbon atoms, haloalkyl, halogen, acyl, ester and cyano, or R^6 and R^7 or R^8 and R^9 together with carbon atoms to which they are attached to form a cycloaliphatic, benzo or a substituted benzo ring;

R^{10} is selected from the group consisting of: linear, branched or cyclic alkyl of 1 to 22 carbon atoms, aralkyl of 6 to 22 carbon atoms, aryl, alkaryl, haloalkyl, acyl, ester and cyano;

and Y is oxygen or sulfur.

67. (New) The imageable element of claim 36, wherein said acid generator is a light sensitive triazine compound of the formula:



wherein

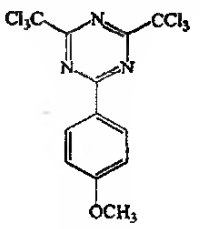
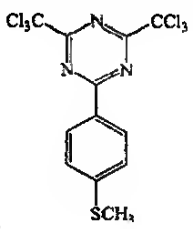
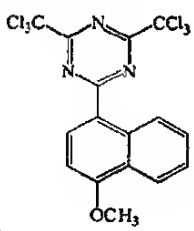
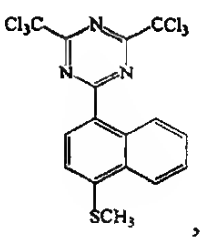
each of R^6, R^7, R^8 and R^9 is independently selected from the group consisting of: hydrogen, linear, branched or cyclic alkyl of 1 to 22 carbon atoms, aralkyl of 6 to 22 carbon atoms, aryl, alkaryl, alkoxy of 1 to 22 carbon atoms, haloalkyl, halogen, acyl, ester and cyano, or R^6 and R^7 or R^8 and R^9 together with carbon atoms to which they are attached to form a cycloaliphatic, benzo or a substituted benzo ring;

R^{10} is selected from the group consisting of: linear, branched or cyclic alkyl of 1 to 22

carbon atoms, aralkyl of 6 to 22 carbon atoms, aryl, alkaryl, haloalkyl, acyl, ester and cyano; and

Y is oxygen or sulfur.

68. (New) The imageable element of claim 36, wherein said acid generator is a light sensitive triazine compound selected from the group consisting of:

and a mixture thereof.

69. (New) The imageable element of claim 36, wherein said acid generator is a monomeric or oligomeric aromatic diazonium salt.

70. (New) The imageable element of claim 36, wherein said acid generator is selected from the group consisting of: an iodonium salt, a sulfonium salt, a hydrocarbyloxysulfonium salt, a hydrocarbyloxyammonium salt, an aryl diazonium salt and a combination thereof.

71. (New) The imageable element of claim 36, wherein said acid generator is an onium salt including a non-nucleophilic anion.

72. (New) The method of claim 37, wherein said lithographic substrate is an aluminum sheet.